

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\
 Data File : BG040029.D
 Acq On : 20 Mar 2019 8:33
 Operator : JU/SJ
 Sample : K1697-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031519-B

Quant Time: Mar 20 10:59:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	35115	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	143267	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	98447	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	263057	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	287898	20.00	ng	-0.03
87) Perylene-d12	25.16	264	279652	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	270045	131.20	ng	-0.02
7) Phenol-d6	7.29	99	348112	113.43	ng	-0.02
23) Nitrobenzene-d5	9.32	82	271005	102.31	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	173789	151.45	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	654384	94.64	ng	-0.02
79) Terphenyl-d14	20.11	244	1224465	93.65	ng	-0.02

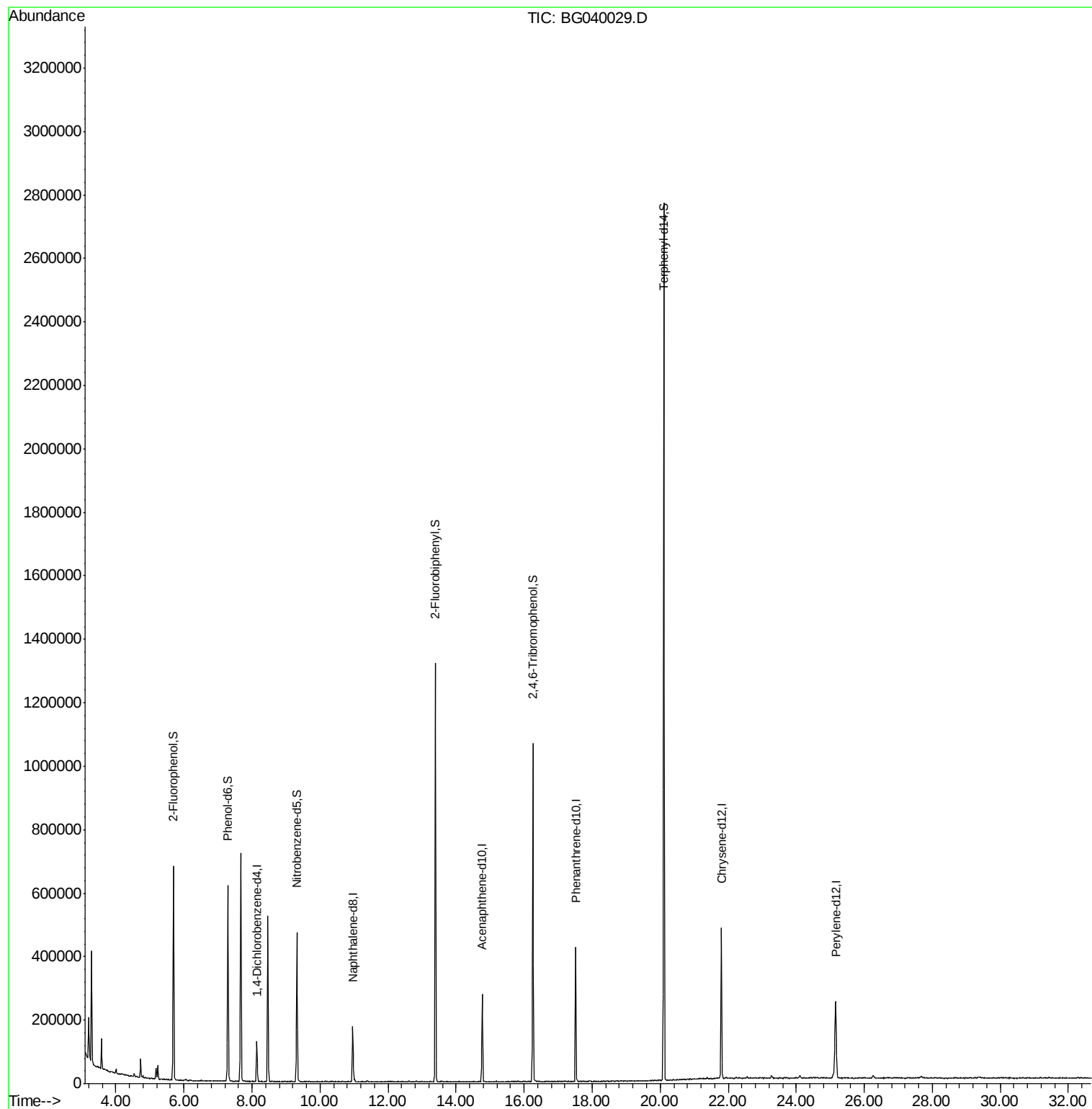
Target Compounds Qvalue

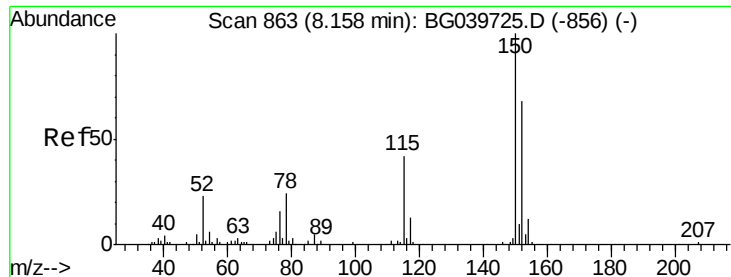
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040029.D

Acq: 20 Mar 2019 8:33

Instrument :

BNA_G

ClientSampleId :

SU-01-031519-B

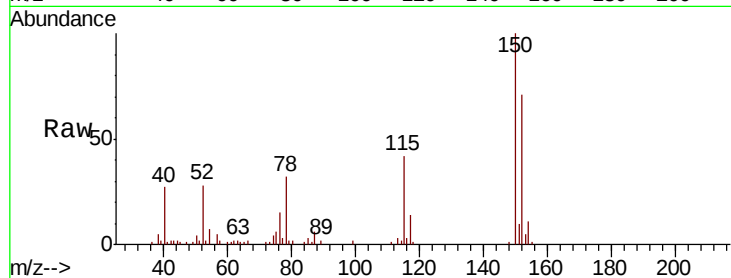
Tot Ion:152 Resp: 35115

Ion Ratio Lower Upper

152 100

150 141.2 123.7 185.5

115 59.7 45.9 68.9

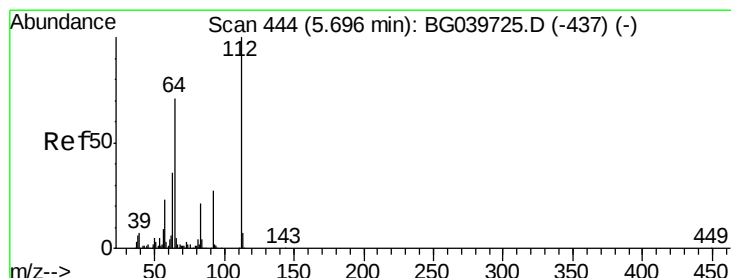
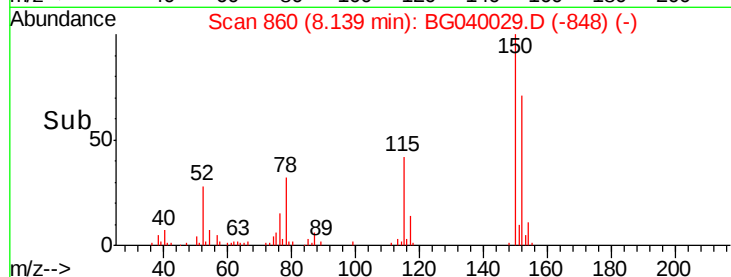
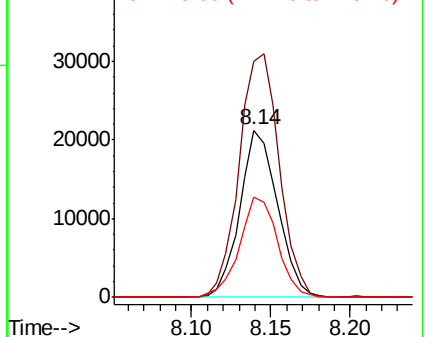


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 131.197 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040029.D

Acq: 20 Mar 2019 8:33

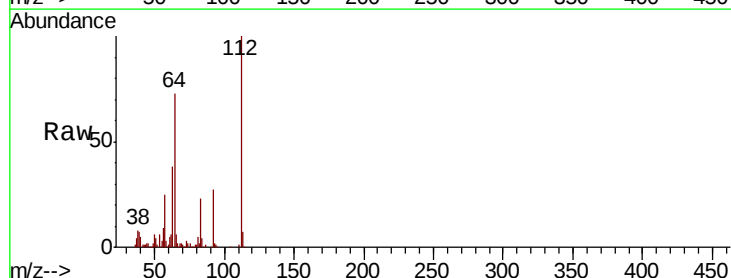
Tgt Ion:112 Resp: 270045

Ion Ratio Lower Upper

112 100

64 72.6 57.8 86.8

63 38.4 29.8 44.6

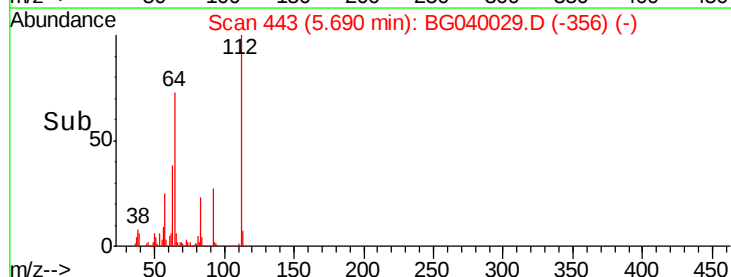
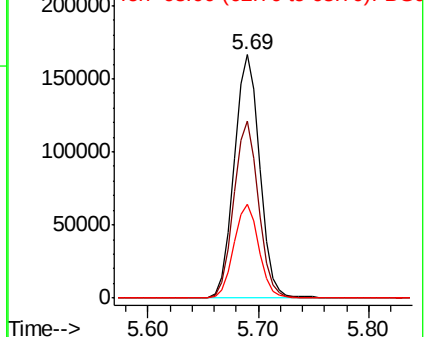


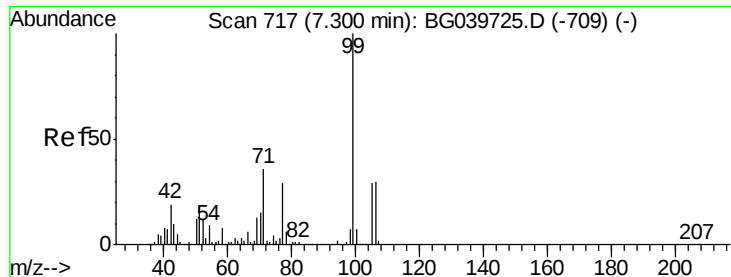
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 113.426 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040029.D

Acq: 20 Mar 2019 8:33

Instrument :

BNA_G

ClientSampleId :

SU-01-031519-B

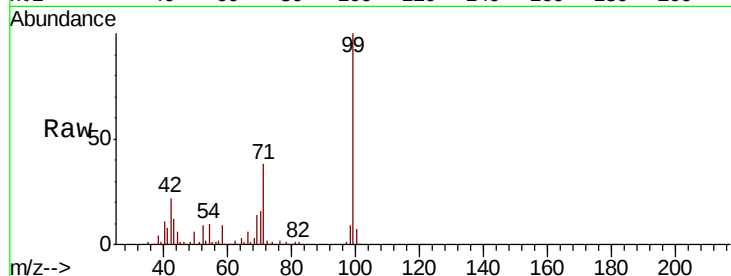
Tot Ion: 99 Resp: 348112

Ion Ratio Lower Upper

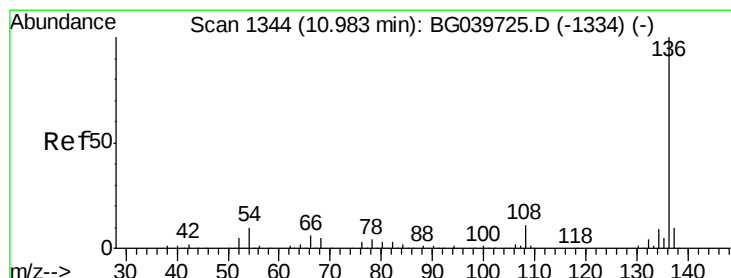
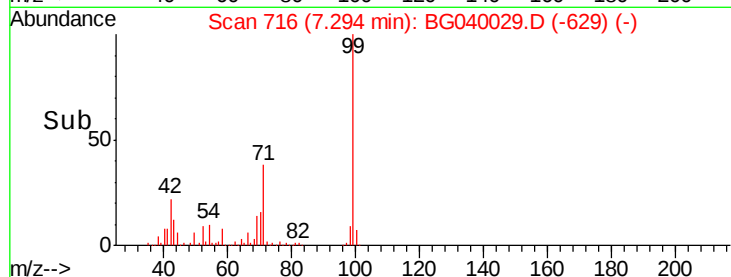
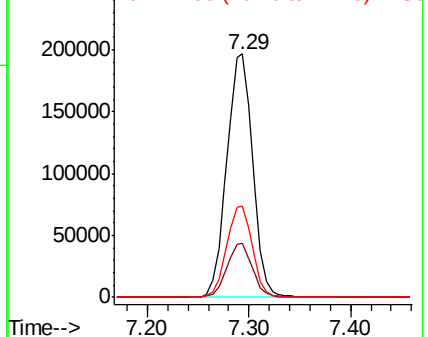
99 100

42 22.4 18.2 27.2

71 37.7 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG040029.D

Acq: 20 Mar 2019 8:33

Tgt Ion: 136 Resp: 143267

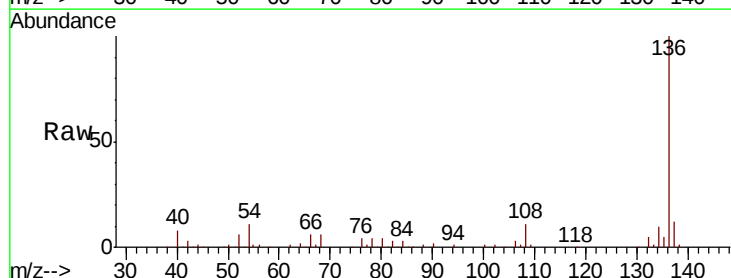
Ion Ratio Lower Upper

136 100

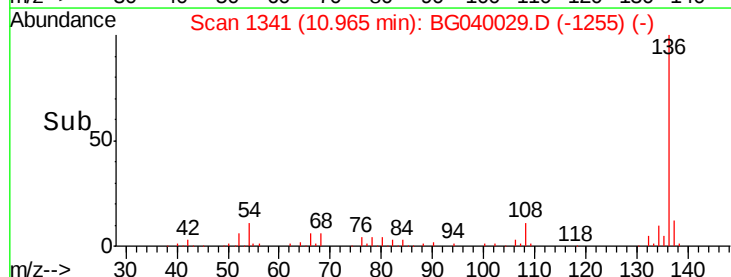
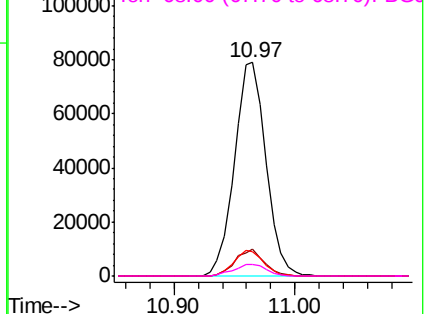
137 12.4 9.1 13.7

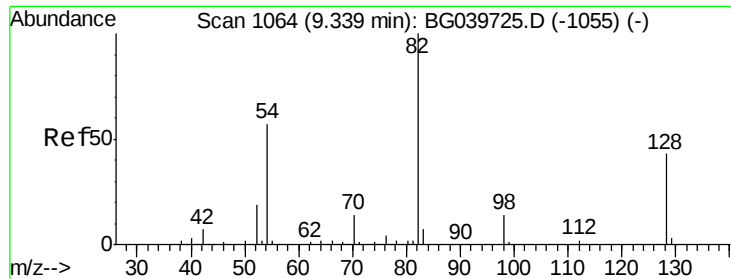
54 11.5 9.4 14.2

68 5.7 4.2 6.4



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

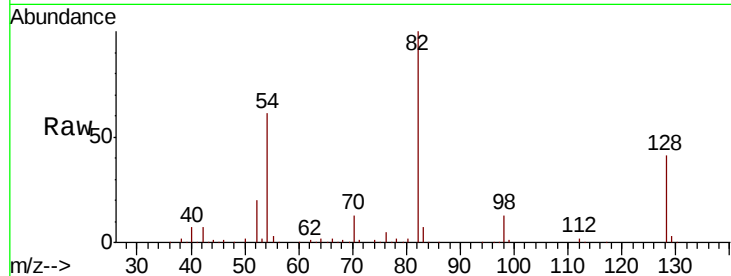




#23
Nitrobenzene-d5
Concen: 102.306 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040029.D
Acq: 20 Mar 2019 8:33

Instrument :
BNA_G
ClientSampleId :
SU-01-031519-B

Tot Ion	82.00	Resp	271005
Ion Ratio	Lower	Upper	
82	100		
128	41.3	31.3	46.9
54	61.4	50.9	76.3

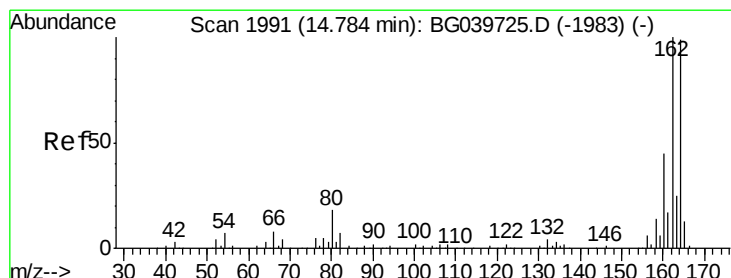
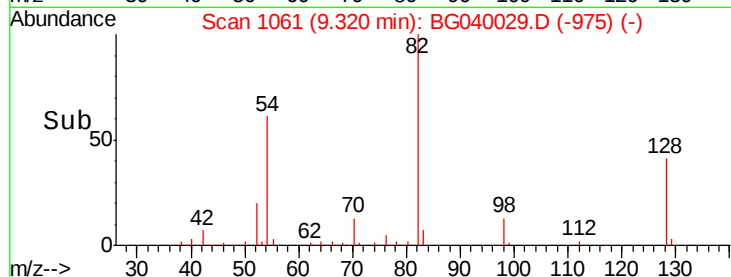
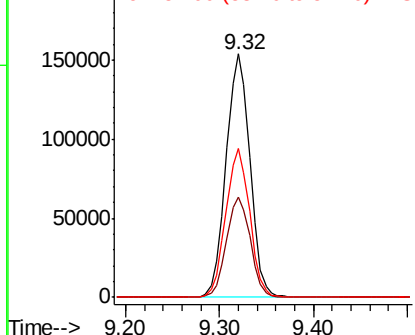


Abundance

Ion 82.00 (81.70 to 82.70): BGC

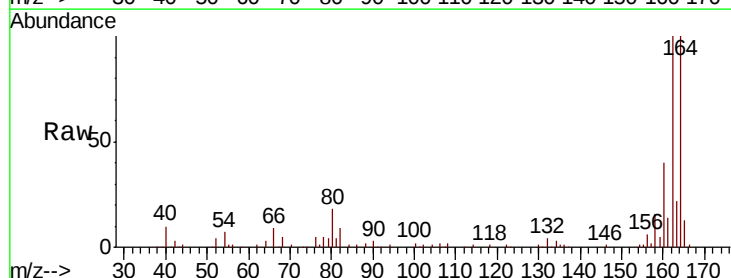
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040029.D
Acq: 20 Mar 2019 8:33

Tgt Ion	164.00	Resp	98447
Ion Ratio	Lower	Upper	
164	100		
162	100.3	81.6	122.4
160	39.9	34.2	51.2

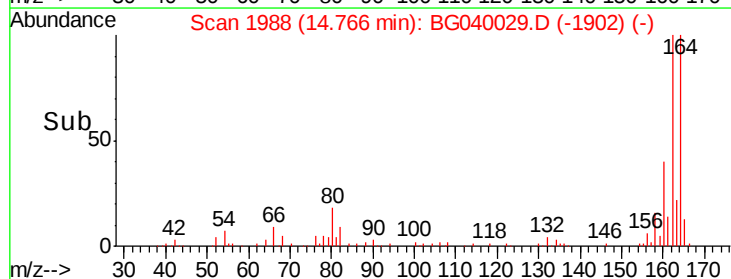
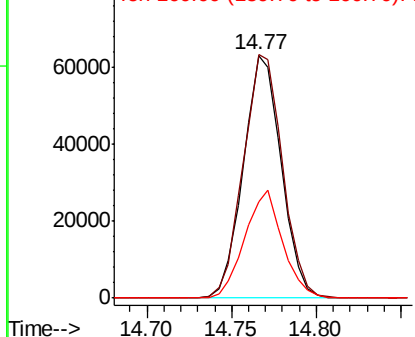


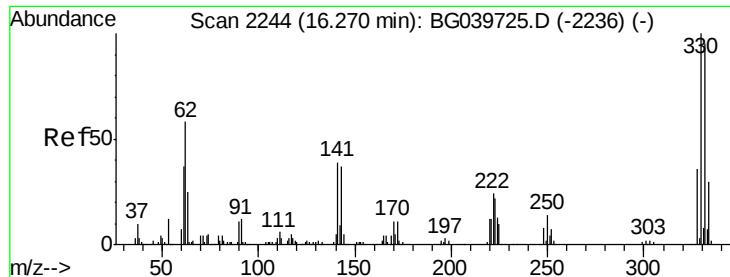
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

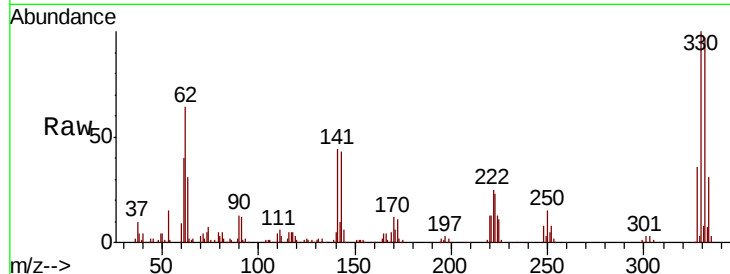




#42
 2,4,6-Tribromophenol
 Concen: 151.454 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG040029.D
 Acq: 20 Mar 2019 8:33

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031519-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.7	113.5
141	44.0	35.6	53.4

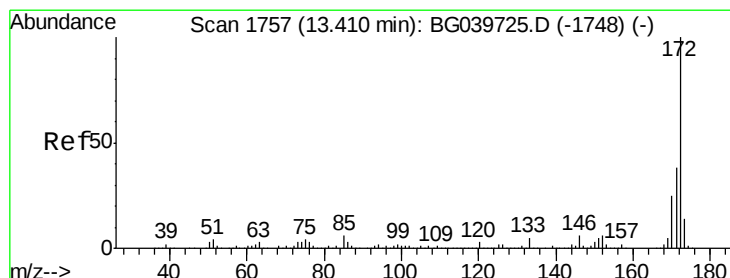
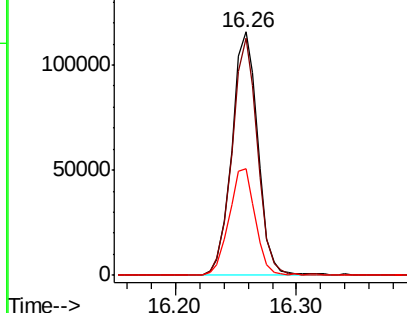
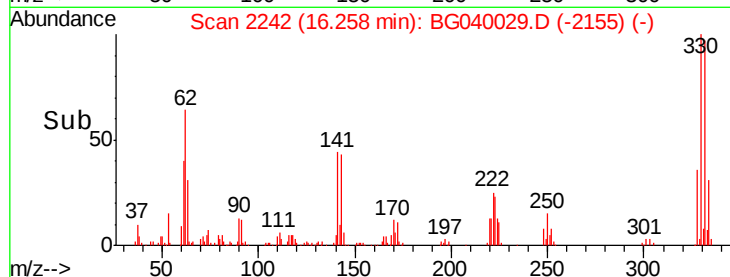


Abundance

Ion 329.80 (329.50 to 330.50): E

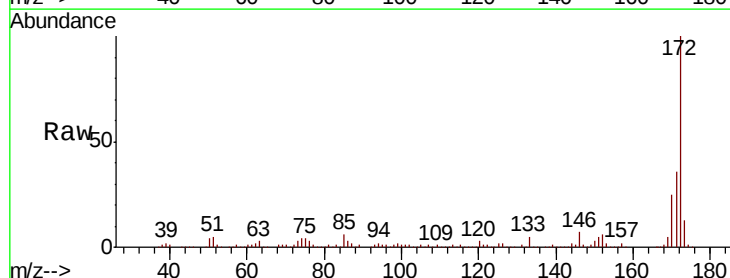
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.643 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040029.D
 Acq: 20 Mar 2019 8:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.8	46.2
170	24.8	20.2	30.4

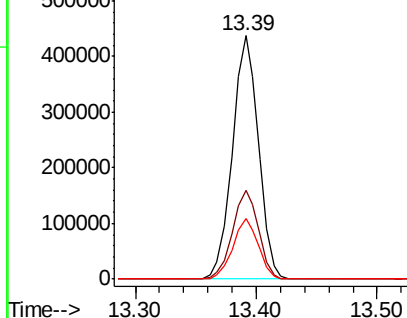
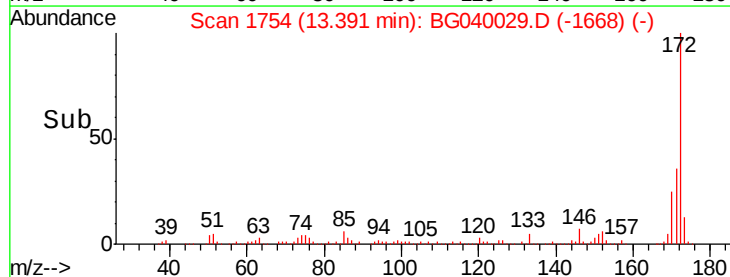


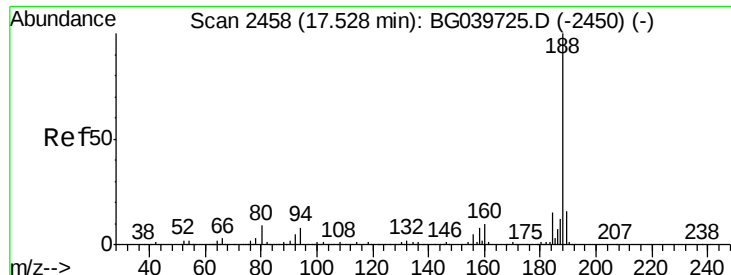
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

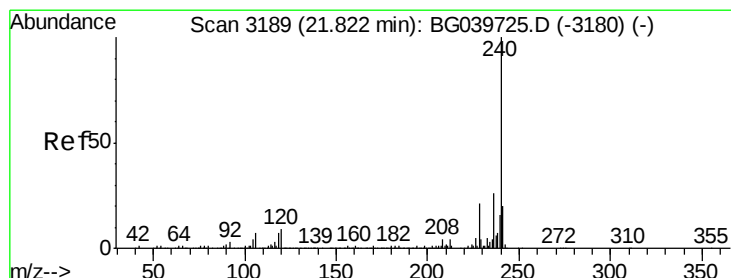
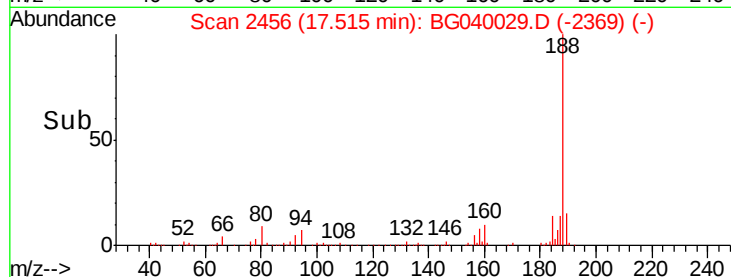
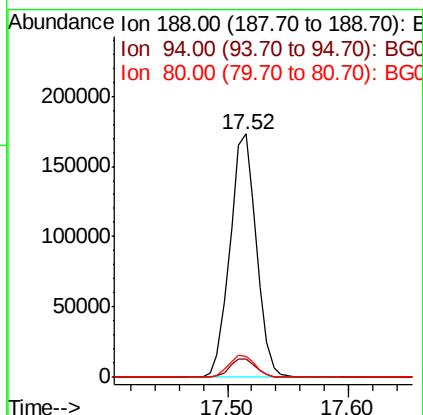
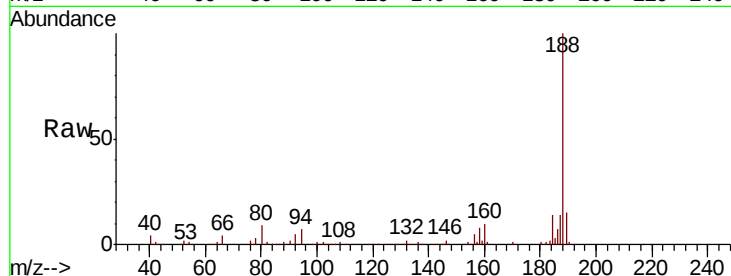




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040029.D
Acq: 20 Mar 2019 8:33

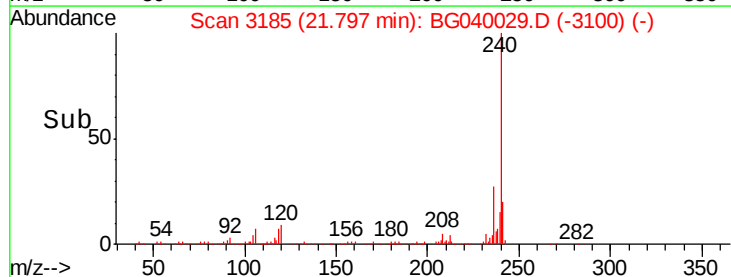
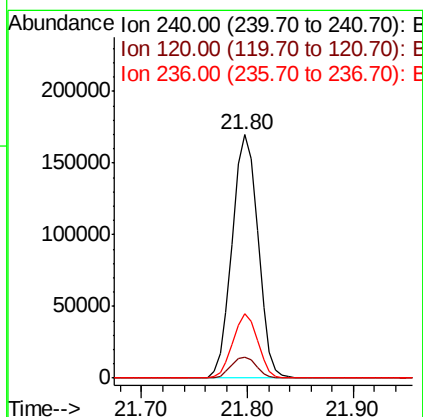
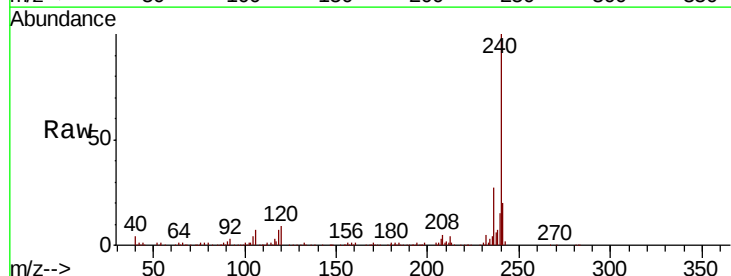
Instrument :
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SU-01-031519-B

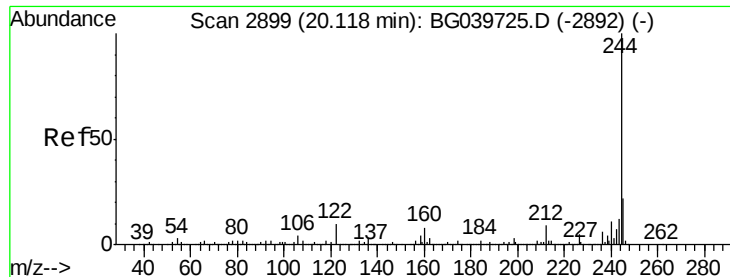
Tot Ion:188 Resp: 263057
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 8.6 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040029.D
Acq: 20 Mar 2019 8:33

Tgt Ion:240 Resp: 287898
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.6
236 26.6 21.0 31.4





#79

Terphenyl-d14

Concen: 93.645 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040029.D

Acq: 20 Mar 2019 8:33

Instrument :

BNA_G

ClientSampleId :

SU-01-031519-B

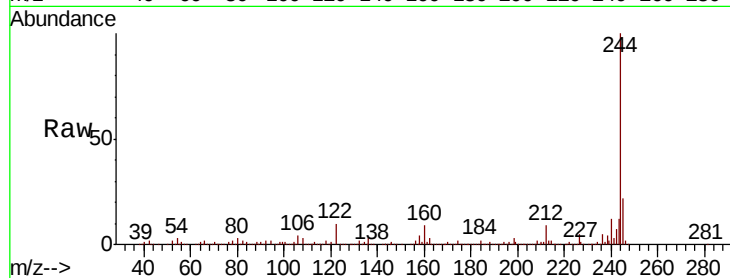
Tot Ion:244 Resp: 1224465

Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

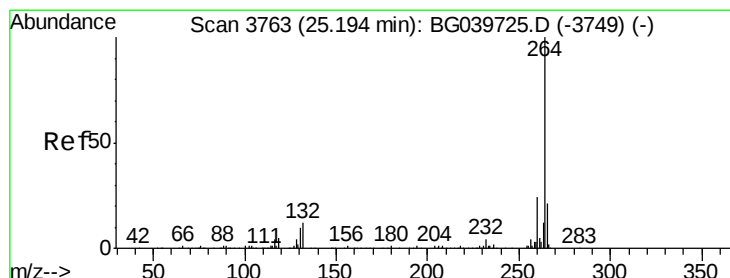
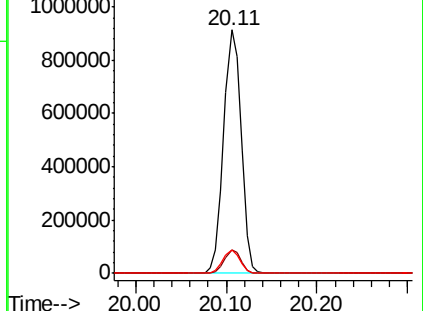
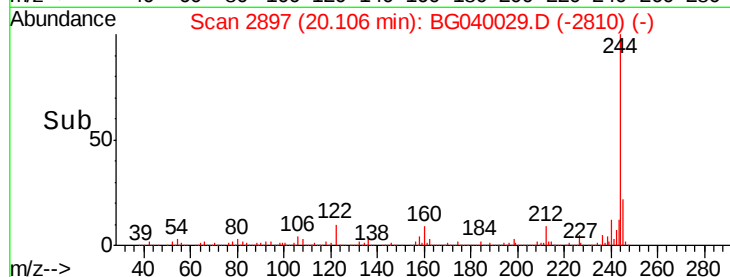
122 9.5 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040029.D

Acq: 20 Mar 2019 8:33

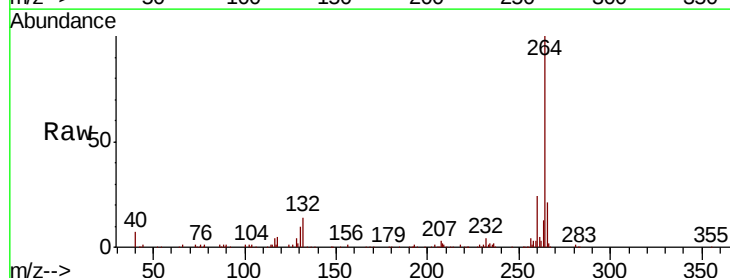
Tgt Ion:264 Resp: 279652

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.4

265 21.2 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

